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| Form PTO-1449 (REV 8-83) | DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | SERIAL NO. 09/835,022 | ATTY DOCKET NO. P5740a |
| INFORMATION DISCLOSURE CITATION (USE SEVERAL SHEETS IF NECESSARY) PAGE 1 OF 1 | | APPLICANT Yuji Kawase | FILING DATE April 12, 2001 |
| | | GROUP 2182 | |

U.S. PATENT DOCUMENTS

| E.I. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|------|-----------------|------|------|-------|----------|-------------|
| | AA | | | | | |
| | AB | | | | | |
| | AC | | | | | |
| | AD | | | | | |
| | AE | | | | | |
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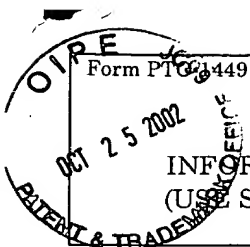
FOREIGN PATENT DOCUMENTS

| E.I. | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|------|-----------------|---------|---------|-------|----------|-------------|
| ✓ | AL 06-113595 | 4/22/94 | Japan | | | Abstract |
| | AM | | | | | |
| | AN | | | | | |
| | AO | | | | | |
| | AP | | | | | |
| | AQ | | | | | |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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PAGE 1 OF 1

APPLICANT

Yuji Kawase

FILING DATE

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U.S. PATENT DOCUMENTS

| E.I. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|------|-----------------|----------|------------------|-------|----------|-------------|
| 7D | AA 5,583,410 | 12/10/96 | Jacobson, et al. | | | |
| 7D | AB 5,998,955 | 12/7/99 | Nishioka | | | |
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| | AD | | | | | |
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| | AK | | | | | |

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FOREIGN PATENT DOCUMENTS

| E.I. | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|------|-----------------|---------|---------|-------|----------|-------------|
| 7A | AL 06032018 | 2/8/94 | Japan | | | Abstract |
| 7B | AM 0 773 488 | 5/14/97 | EP | | | |
| 7A | AN 2 136 332 | 9/19/84 | GB | | | |
| | AO | | | | | |
| | AP | | | | | |
| | AQ | | | | | |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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